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REPORT

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INFORMATION FROM

FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

COUNTRY Hungary

DATE OF
INFORMATION 1950

SUBJECT Geographic - Weather report

HOW
PUBLISHED Monthly periodical

DATE DIST. 30 Nov 1950

WHERE
PUBLISHED Budapest

NO. OF PAGES 3

DATE
PUBLISHED Jul 1950SUPPLEMENT TO
REPORT NO.

LANGUAGE Hungarian

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SOURCE Termeszet es Technika.HUNGARIAN WEATHER REPORT FOR MAY 1950

[Map showing distribution of rainfall is appended.]

There were greater deviations in precipitation in May than in April. While in April the precipitation was consistently great, in May, it hardly reached 40 to 60 percent of the average. In two larger areas, Fejer County and the Hajdu, Bihar, and Szolnok counties, the rainfall was 15-20 percent of the average. The most rain was reported at Marcalto, 84.9 millimeters, and Gerezd, 77.3 millimeters. It may be noted that there were complaints of dryness from Csor, which is only 70 kilometers from Gerezd.

The temperature during May was rather uniform, 2 to 2.5 degrees warmer than usual. This was due partly to the fact that there was 10 to 20 percent more sunshine than usual.

The morning of 1 May was cold and clear, the coldest of the month. Frost appeared in several of the higher regions and in the center of the country. Because of the sunshine, however, the air warmed up to 18-21 degrees (all degrees in centigrade) during the day, and continued warm for the next 2 days, reaching 22-24 degrees. The weather became more changeable on the 4th, with showers and storms. There were showers and storms on the 6th and 7th also, with occasional hail. This accounted for most of the precipitation for the month.

The presence of a warm air mass to the northeast and a cold air mass to the west of the country accounted for temperatures of 25 degrees at Tarc, Debrecen and Salgotarjan, and only 18 and 19 degrees at Sopron, Szombathely, Keszthely, and Zalaegerszeg on the 8th. On the 9th, the warm air mass filled the entire Carpathian valley, followed by a slight drop in temperature on the 10th.

A cold air mass coming from the north caused showers and storms on the 15th and 16th, but even the layer of surface air did not drop below 5 degrees.

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The influx of cold air from the north ceased after the 16th and warm air began to arrive from the Mediterranean. The temperature began to rise, exceeded 25 degrees over most of the country by the 18th, and on the 19th reached 30 degrees at Debrecen, the highest temperature since the 21 April.

The temperature continued to rise until the 24th, dropped slightly on the 25th, and reached its maximum on the 26th. With the exception of the mountain regions, the temperature exceeded 30 degrees everywhere. But even at 534-meter-high Misina peak in the Mecsek Mountains, the temperature was 30 degrees, and 24 degrees were recorded on 1,000-meter-high Galya peak. The temperature in Budapest on the 22d, 23d, 24th, and 26th was as high as ever recorded in recent times. The high of 32.4 degrees on the 26th occurred only one other time in May in the last 79 years.

Except for 2 days, rain fell somewhere in the country every day between the 17th and the 25th, but the rain was light and sparse, except for the 19th, when 26.4 millimeters fell at Csapod. Although hail fell frequently, it did no harm. The night of the 26th was cool and the temperature did not reach 30 degrees on this day. The highest temperature on the 29th were 18-22 degrees. On the morning of the 30th, the air surface cooled to 3 degrees at Mosonmagyaróvár and 4 degrees at Kalocsa and Békéscsaba.

[Appended map follows.]

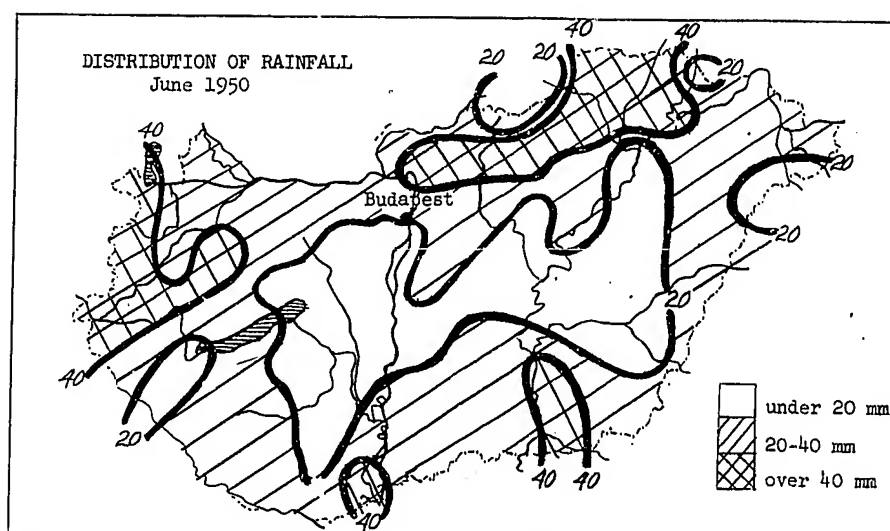
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